

Title (en)
Connector

Title (de)
Steckverbinder

Title (fr)
Connecteur

Publication
EP 1191641 B1 20040804 (EN)

Application
EP 01307530 A 20010905

Priority
JP 2000278439 A 20000913

Abstract (en)
[origin: EP1191641A2] The invention provides a means of reducing the force required for fitting a lever connector. A connector 20 is divided into partitioned housings 22L and 22R. The timing of the fitting operation differs for each of the partitioned housings 22L and 22R, thereby causing the time at which peak fitting resistance occurs to differ. The peak fitting resistance being dispersed over the period between the beginning and the ending of the fitting operations of the two partitioned housings 22L and 22R. As a result, the overall peak value of the fitting resistance (the force required for the fitting operation) is reduced for the connector as a whole. <IMAGE>

IPC 1-7
H01R 13/629

IPC 8 full level
H01R 13/631 (2006.01); **H01R 13/518** (2006.01); **H01R 13/629** (2006.01); **H01R 24/00** (2006.01); **H01R 107/00** (2006.01)

CPC (source: EP US)
H01R 13/62905 (2013.01 - EP US)

Cited by
EP1557911A3; WO2014079759A1

Designated contracting state (EPC)
DE FR

DOCDB simple family (publication)
EP 1191641 A2 20020327; EP 1191641 A3 20020925; EP 1191641 B1 20040804; DE 60104618 D1 20040909; DE 60104618 T2 20050728; JP 2002093522 A 20020329; US 2002031927 A1 20020314; US 6500015 B2 20021231

DOCDB simple family (application)
EP 01307530 A 20010905; DE 60104618 T 20010905; JP 2000278439 A 20000913; US 94967401 A 20010912